dovado

USB Mobile Broadband Router

Quick Wizard Guide & Reference Manual

dovado The Mobile Choice for your Broadband Internet

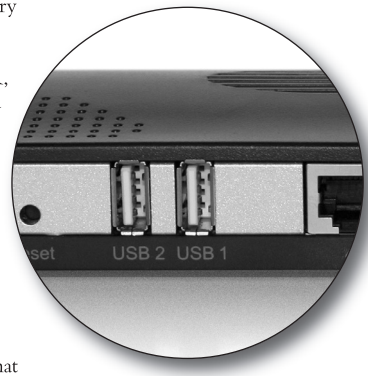
UMR Quick Installation Guide

With the Dovado UMR you can access the Internet wirelessly. In addition to the UMR you need a computer. The product can be set up using a common web browser.

Hardware installation

Before continuing, you will need to install the necessary hardware;

1. Connect the WLAN antenna to the UMR unit.
2. If you do not intend on wall-mounting your UMR, then add the included rubber feet to the designated points on the base of your UMR.
3. Insert the USB Modem into the UMR.
4. Connect the power supply to a wall socket and to the PWR connector located at the back of the UMR.
5. Please note that the USB modem should not be replaced during operation, if you need to replace the modem, power off the UMR first.
6. Peel off the protective layer from the front panel.



A solid green light on the power LED (pwr) indicates that the unit is working.

DE UMR Quick Installation Guide

Anleitung zur Schnellinstallation

Dovado UMR ermöglicht Ihnen den drahtlosen Zugriff auf das Internet. Zusätzlich zu UMR benötigen Sie einen Computer. Die Konfiguration ist einfach mit einem herkömmlichen Internet-Browser möglich.

Hardware-Installation

Bevor Sie mit der Installation beginnen, schließen Sie die notwendige Hardware an:

1. Schließen Sie die WLAN-Antenne an die UMR-Einheit an.
2. Falls Sie Dovado UMR nicht an der Wand befestigen möchten, verwenden Sie die mitgelieferten Gummifüße, und bringen Sie diese an den entsprechenden Stellen an der Unterseite des UMR an.
3. Schließen Sie Ihr USB-Modem an UMR an.
4. Das Netzteil für die Stromversorgung in eine Steckdose stecken, das Kabel gleichzeitig an die PWR-Buchse an der Rückseite des UMR anschließen.
5. Hinweis! Das USB-Modem darf während des Betriebs nicht ausgetauscht oder abgenommen werden. Sollte das Modem abgenommen werden, die Stromversorgung des UMR-Geräts immer vorher abschalten.
6. Entfernen Sie den Schutzfilm von der Frontblende.

Eine grüne LED-Anzeigelampe (PWR) zeigt an, dass die Einheit eingeschaltet ist.

FI UMR Aloitusopas

Dovado UMR –laajakaistareititin mahdollistaa langattoman Internetliittymän. Reitittimen lisäksi tarvitset tietokoneen. Asetukset tehdään tavallisella web-selaimella.

Laitteiden asentaminen

Ennen jatkamista tulee asentaa tarvittavat laitteet.

1 Liitä WLAN-antenni reitittimeen.
2. Jos et asenna reititintä seinään, kiinnitä pakkauksen mukana tulleet kumijalat reitittimen pohjaan.
3 Liitä USB-modeemi reitittimeen.
4. Liitä virtajohto ensin liitäntään reitittimen takapuolella ja sitten vasta verkkovirtaan.
5. Älä irrota USB-modeemia reitittimestä, kun se on päällä. Jos sinun täytyy poistaa USB-modeemi, sammuta se ensin.
6. Poista ohjauspaneelin suojamuovi.

Kiinteä vihreä merkkivalo kertoo laitteen olevan päällä.

NO UMR Startguide

Med Dovado UMR bredbåndsrouter får du en trådløs tilkobling til Internett. Foruten routeren trenger du en datamaskin. Innstillingene foretas i en vanlig webleser.

Installasjon av hardware

Før du fortsetter må nødvendig hardware installeres.

1. Koble WLAN-antennen til routeren.
2. Dersom routeren ikke skal monteres på veggen, festes de medfølgende gummiknottene på routerens underside.
3. Koble usb-modemet til routeren.
4. Nettverkskabelen kobles først til uttaket på routerens bakside og deretter til vegguttaket.
5. Ta aldri usb-modemet bort fra routeren mens det er påslått. Dersom usb-modemet skal fjernes, må den slås av først.
6. Fjern beskyttelsesplasten fra kontrollpanelet.

Et jevnt grønt lys på lysdioden indikerer at enheten er slått på.

SE UMR Konfigurera din UMR

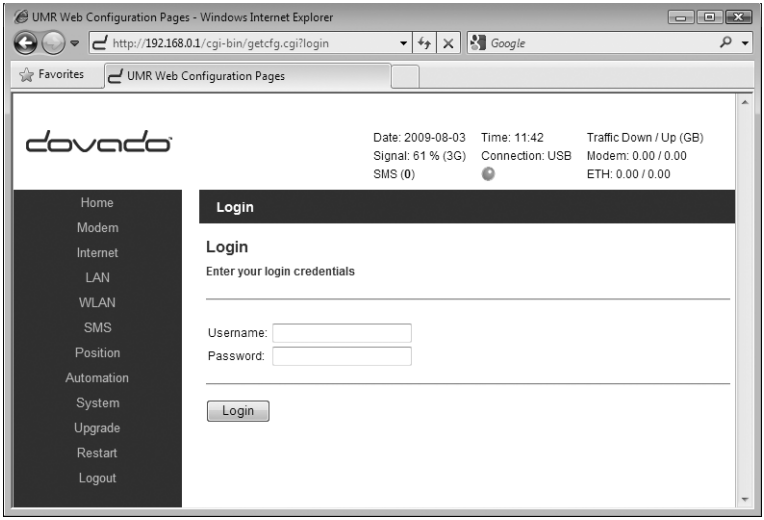
Med en Dovado UMR har du tillgång till Internet via mobilt bredband eller via en fast anslutning såsom ADSL/KabelTV. Förutom din UMR behöver du en dator vid installationen och konfigureringen. För att konfigurera din UMR använder du en webb-läsare som exempelvis Internet Explorer.

Installation av hårdvara

Innan du kan börja konfigurera din UMR, så måste du ansluta nödvändig hårdvara;

1. Anslut den medföljande antennen för trådlöst nätverk
2. Om du inte har för avsikt att vägg-montera din UMR så sätt dit de medföljande gummifötterna på undersidans avsedda platser.
3. Anslut ditt USB Modem till ett av USB-uttagen på din UMR
4. Anslut strömförsörjnings-aggregatet till ett vägguttag och till anslutningen märkt PWR på baksidan av din UMR.
5. Observera att du aldrig skall ta bort USB-modemet från din UMR när den är påslagen. Koppla alltid ur strömmen ur din UMR innan du tar bort USB-modemet.
6. Ta bort skyddsplasten från frontpanelen.

En grön lampa märkt PWR visar att enheten är påslagen.



Accessing the UMR

Once you have connected a computer with either an Ethernet cable or by Wireless LAN, open your web browser and access the following website:

Address: http://192.168.0.1/
Username: admin
Password: password

After clicking on **Login**, you will be taken to the **Home** page, which will display all the information about your UMR.

DE Konfiguration von UMR

Ist Ihr Computer über Ethernet- Kabel oder Wireless LAN mit dem UMR verbunden, öffnen Sie Ihren Internet-Browser, und rufen Sie folgende Adresse auf:

Adresse: http://192.168.0.1/
Username: admin
Password: password

Durch Anklicken von **Login** gelangen Sie zur Website, die sämtliche Informationen zu Ihrem UMR beinhaltet.

FI Yhteys reitittimeen

Kun olet liittänyt tietokoneen UMR:ään joko ethernetkaapelin tai langattoman LAN:in kautta, avaa web-selaimesi ja mene seuraavalle verkkosivulle:

Address: http://192.168.0.1/
Username: admin
Password: password

Kun olet klikannut **"Login"** pääset verkkosivulle, josta löydät kaiken reititintäsi koskevan tiedon.

NO Tilgang til routeren

Når datamaskinen er koblet til din UMR, enten direkte via en nettkabel eller via trådløst LAN, åpne webleseren og gå til følgende webside:

Adresse: http://192.168.0.1/
Username: admin
Password: Password

Når du har klikket på **"Login"** vil du komme til en webside som gir deg all informasjon om din router.

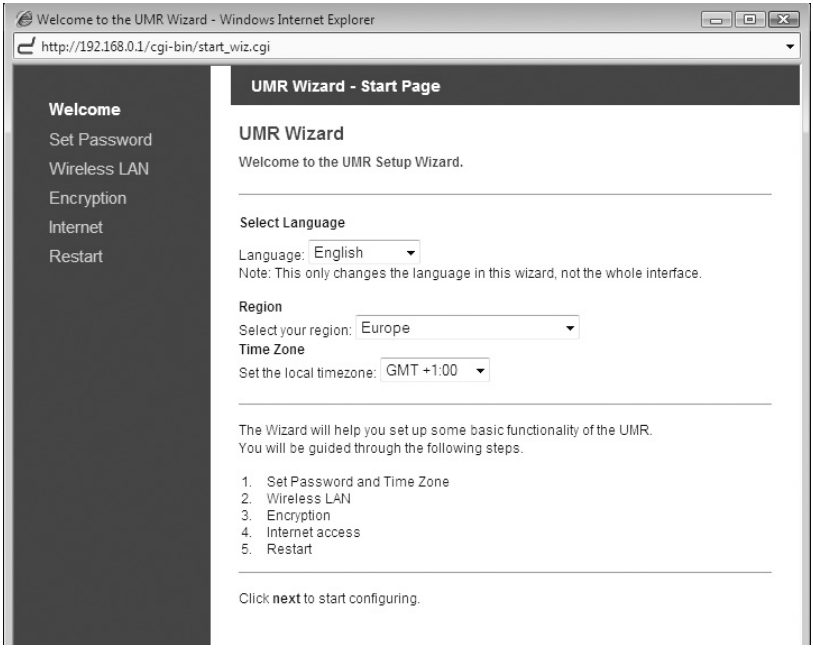
SE Konfigurera din UMR

När du anslutit datorn till din UMR med en nätverkskabel eller via det trådlösa nätverket så startar du din webb-läsare och skriver in följande adress: http://192.168.0.1/

Nu kommer du till UMR's inloggningssida och där skriver du in följande:

Username: admin
Password: password

Klicka därefter på **Login** så kommer du till UMR's hemsida som visar all information om din UMR.



Wizard Configuration

Go to **Home** and then click on **Start Wizard** link to start the setup wizard. It will be opened in a new window. Follow the steps below to finish the installation.

The welcome screen presents the steps that you will be guided through. Click on **Next** to continue.

DE Vereinfachte Konfiguration (Wizard)

Gehen Sie auf **Home**, und klicken Sie auf den Link **Start Wizard**, um die vereinfachte Installation zu starten. Es öffnet sich ein neues Fenster. Befolgen Sie die nachstehenden Schritte, um die Installation abzuschließen.

Das Welcome-Fenster zeigt alle Schritte an und führt Sie durch die Installation. Auf **Next** klicken, um fortzufahren.

FI Asetukset

Mene kohtaan **"Home"** ja napsauta sitten linkkiä **"Start Wizard"** käynnistääksesi asennusohjelman. Ohjelma avautuu uuteen ikkunaan. Noudata alla olevia ohjeita suorittaaksesi asennuksen loppuun.

Ensimmäinen ikkuna näyttää kaikki ne vaiheet, jotka tulet käymään läpi. Jatka asennusta napsauttamalla **"Next".**

NO Konfigurasjon

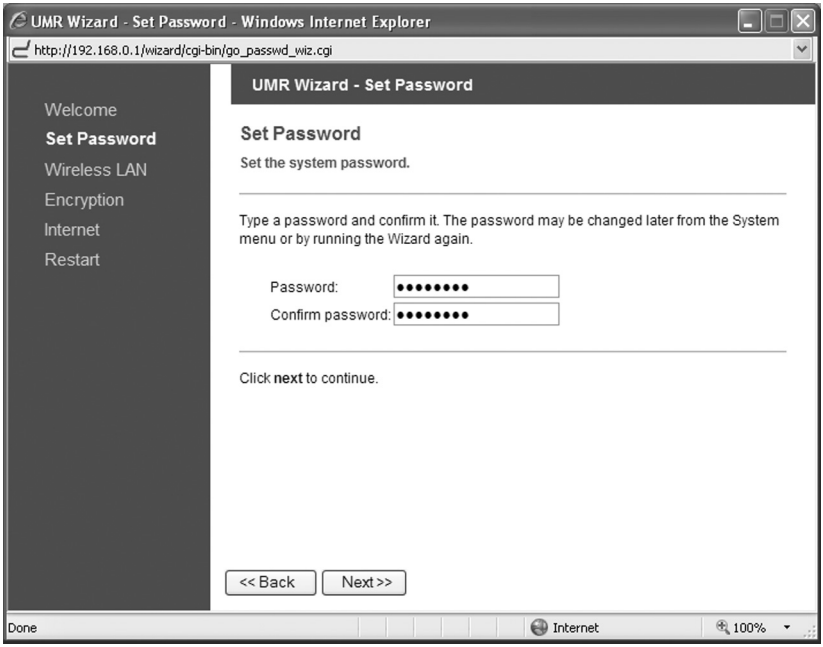
Gå til **"Home"** og klikk deretter på lenken **"Start Wizard"** for å starte installasjonsguiden. Den kommer til å åpnes i et nytt vindu. Følg trinnene nedenfor for å fullføre installasjonen.

Det første skjermbildet viser de forskjellige trinnene du må gjennomføre. Klikk på **"Next"** for å fortsette.

SE Förenklad konfigurering (Wizard)

Gå till **Home** och klicka sedan på **Start Wizard**-länken för att starta den förenklade konfigureringen. Ett nytt fönster öppnas, följ därefter stegen enligt nedan för att slutföra installationen.

Välkommen-sidan visar vilka steg som du skall utföra för att konfigurera din UMR.
Klicka på **Next** för att fortsätta.



Set Password

It is recommended that you now change the default password for the UMR configuration pages. Type in the new password and confirm it, then click on **Next** to continue.

DE Set Password

Wir empfehlen Ihnen, dass Sie das von uns vorgegebene Passwort in Ihr eigenes Passwort ändern. Geben Sie Ihr neues Passwort ein, und bestätigen Sie dieses mit Confirm. Auf **Next** klicken, um fortzufahren.

FI Aseta salasana

Suosittelemme, että muutat reititinasetusten esiasetetun salasanan.
Syötä uusi salasana ja vahvista se. Jatka asennusta napsauttamalla **"Next".**

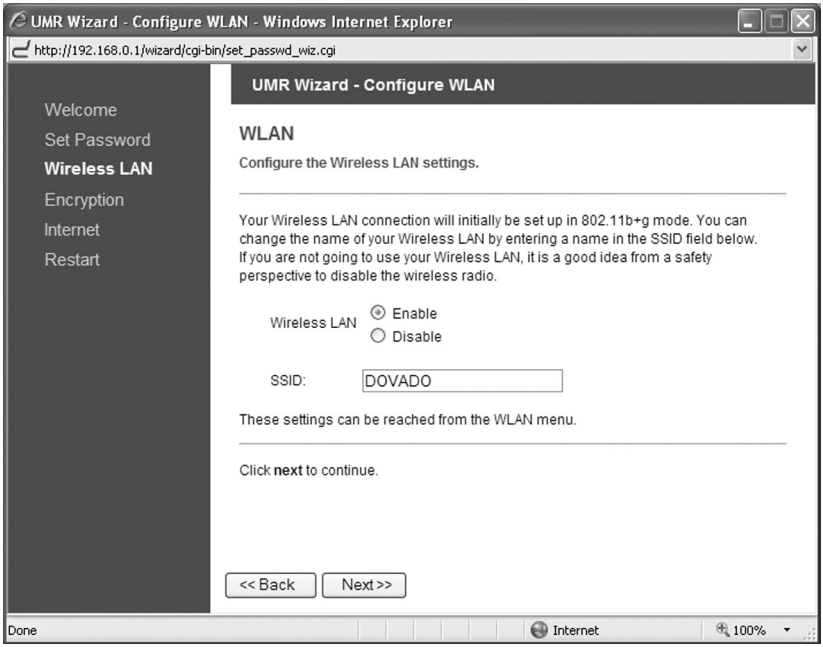
NO Skriv inn passord

Vi anbefaler at du endrer det forhåndsinstilte passordet før konfigurering av router. Skriv inn et nytt passord og bekreft det. Klikk på **"Next"** for å fortsette.

SE Set Password

Vi rekommenderar att du byter det ursprungliga lösenordet till ett eget lösenord. Skriv in ditt egna lösenord och bekräfta det (confirm), klicka sedan på **Next** för att fortsätta.

Here is a space to write down your new password:
Geben Sie Ihr neues Passwort in das Feld ein:
Voit kirjoittaa uuden salasanan tähän:
Her kan du skrive inn ditt nye passord:
Anteckna ditt nya lösenord i rutan nedan:



Wireless LAN

If you do not have any devices using Wireless LAN, choose disable for the Wireless LAN option, and then click on **Next** to continue (this will skip the encryption page). If you have a device using wireless LAN, enable Wireless LAN. You can also change the SSID, which is displayed in the client when a network search is performed. When you are done, click on **Next** to continue.

DE Wireless LAN (drahloses Netzwerk)

Falls Ihr Computer über kein drahloses Netzwerk (Wireless LAN) verfügt, klicken Sie auf Disable und anschließend auf **Next** (die Seite für die Verschlüsselung/Kryptierung wird übersprungen). Verfügt Ihr Gerät über Wireless LAN, aktivieren Sie dieses. Sie können den SSID Namen ändern. Dieser Name wird während der Suche nach einem drahtlosen Netzwerk angezeigt. Wenn Sie damit fertig sind, klicken Sie auf **Next**, um fortzufahren.

FI Langaton LAN

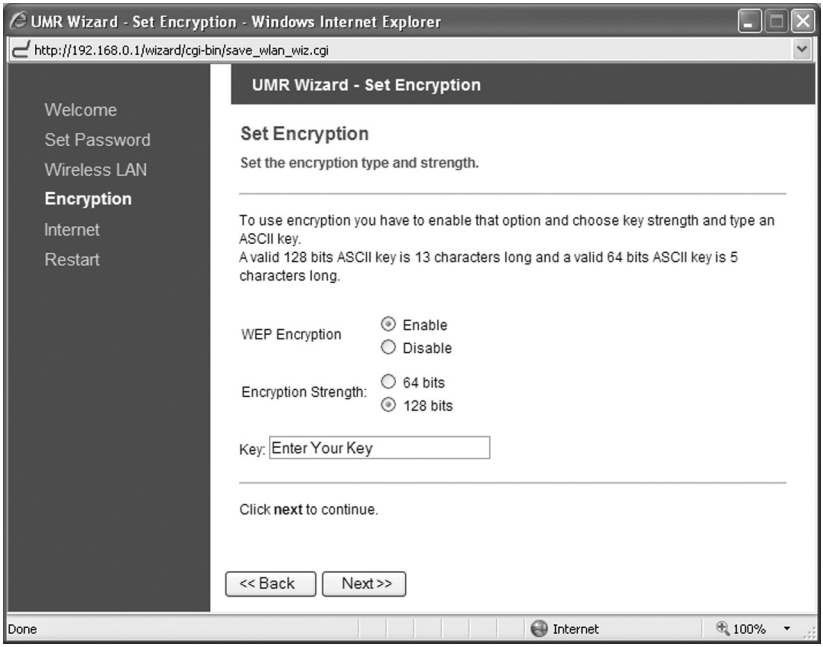
Jos sinulla ei ole laitteita, jotka käyttävät langatonta LAN:ia (”Wireless LAN”), sammuta se ja napsauta sitten **”Next”** jatkaaksesi (näin voit jättää väliin salaussivun). Jos sinulla on laite, joka käyttää langatonta LAN:ia (”Wireless LAN”), aktivoi se siinä tapauksessa. Voit myös muuttaa työasemalla näkyvän SSID:n, kun verkkohakua suoritetaan. Kun olet valmis, jatka painamalla **”Next”.**

NO Trådløst LAN

Hvis du ikke har noen enheter som bruker trådløst LAN, deaktiver i så tilfelle trådløst LAN (”Wireless LAN”) og klikk deretter på **”Next”** for å fortsette (dette gjør at du hopper over krypteringssiden). Dersom du har enheter som bruker trådløst LAN, så aktiver trådløst LAN (”Wireless LAN”). Du kan også skifte SSID som vises hos klienten når et nettverkssøk utføres. Når du er ferdig, klikk på **”Next”** for å fortsette.

SE Wireless LAN (Trådlöst nätverk)

Om du inte har någon dator med trådlös nätverksanslutning så klicka i Disable och klicka sedan på **Next** för att fortsätta (då hoppar man över sidan om kryptering). Enable innebär att det trådlösa nätverket är påslaget och aktivt. Du kan också byta namn (SSID) på det trådlösa nätverket, detta namn visas när man på sin dator söker efter trådlösa nätverk. När du är klar så klicka på **Next** för att fortsätta.



Encryption

Here you can activate encryption if you would like to restrict access of wireless users onto your private network. Choose **Enable** to enable encryption, it is recommended that you select 128 bits as **Encryption Strength** and then type in a key. The key is needed by all Wireless LAN clients to access your private network. Click on **Next** to continue.

DE Encryption (Verschlüsselung/Kryptierung)

Hier können Sie die Verschlüsselung aktivieren, wenn Sie den Zugriff von anderen Benutzern des drahtlosen Netzwerkes auf Ihr privates Netzwerk unterbinden wollen. Wählen Sie **Enable**, um die Verschlüsselung zu aktivieren. Wir empfehlen Ihnen 128 bits als **Encryption Strength.** Geben Sie anschließend Ihren Verschlüsselungscode ein. Dieser Verschlüsselungscode wird von allen Wireless LAN Clients für den Zugriff auf Ihr privates Netzwerk benötigt. Auf **Next** klicken, um fortzufahren.

FI Salaus

Voit aktivoida salauksen täällä, jos haluat estää muita langattoman LAN:in käyttäjiä pääsemästä yksityiseen verkkoosi. Valitse **"Enable",** jos haluat aktivoida salauksen. Suosittelemme, että valitset WEP-salauksen ja syötät salasanan. Suosittelemme, että valitset **"Encryption Strength"** –arvoksi 128 bittiä, mikä vastaa 13 kirjaimen/numeron yhdistelmää. Kirjoita sen jälkeen salausavaimesi. Kaikki työasemat tarvitsevat salasanan päästäkseen yksityiseen LAN:iisi. Jatka asennusta napsauttamalla **"Next".**

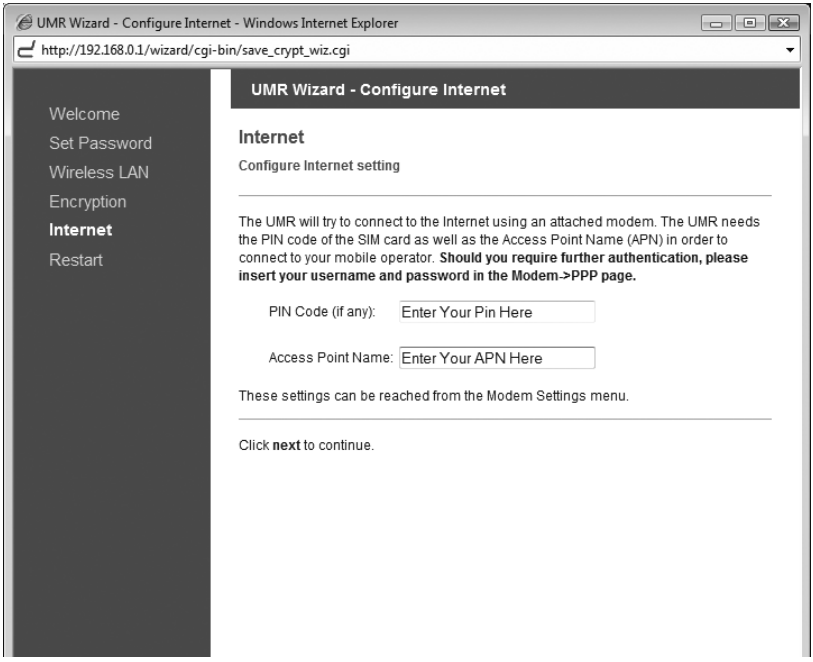
NO Kryptering

Her kan du aktivere kryptering hvis du vil hindre andre brukere av trådløse LAN i å koble seg på ditt nettverk. Velg **"Enable"** for å aktivere krypteringen. Vi anbefaler at du velger WEP-kryptering og oppgir et passord. Vi anbefaler at du velger 128 bits som Encryption Strength. Dette tilsvarer en kombinasjon av 13 bokstaver/tall. Skriv deretter inn din krypteringsnøkkel. Alle brukere som skal komme til din private LAN må da bruke ditt passord. Klikk på **"Next"** for å fortsette.

SE Encryption (Kryptering)

Här kan du aktivera kryptering för att göra den trådlösa överföringen säkrare och därmed undvika att obehöriga får tillgång till ditt trådlösa nätverk. Välj **Enable** för att aktivera kryptering, vi rekommenderar att du väljer 128 bits som **Encryption Strength** vilket motsvarar en kombination av 13 bokstäver/-siffror, skriv sedan in din krypteringsnyckel. Denna krypteringsnyckel måste användas av samtliga datorer/enheter som skall anslutas till det trådlösa nätverket. Klicka på **Next** för att fortsätta.

Here is a space to write down your new password:
Geben Sie Ihr neues Passwort in das Feld ein:
Voit kirjoittaa uuden salasanan tähän:
Her kan du skrive inn ditt nye passord:
Anteckna ditt nya lösenord i rutan nedan:



Configure Internet

This section configures the mobile USB modem you are to use with the UMR. If the SIM-card which you are using from your mobile operator came with a PIN code, then enter it into the **Pin Code** (if any) field.
In order for the UMR to successfully establish an Internet via your mobile operator, you will require the **Access Point Name** (APN) as provided by your operator. If you are uncertain what your APN is, then contact your mobile operator or check your USB modem manual.

DE Internet Konfiguration

In diesem Abschnitt wird das USB-Modem konfiguriert, das Sie zusammen mit Ihrem UMR verwenden möchten. Hat die SIM-Karte, die Sie von Ihrem Provider erhalten haben, einen PIN Code, geben Sie diesen ggf. in das Feld **Pin Code** ein.
Damit Ihr UMR den Internet-Zugang über Ihren Provider erfolgreich herstellen kann, ist der von Ihrem Provider zur Verfügung gestellte **Access Point Name** (APN) erforderlich. Falls Sie sich bezüglich Ihres APN unsicher sind, wenden Sie sich an Ihren Provider oder schlagen Sie im Handbuch für das USB-Modem nach.

FI Internetasetukset

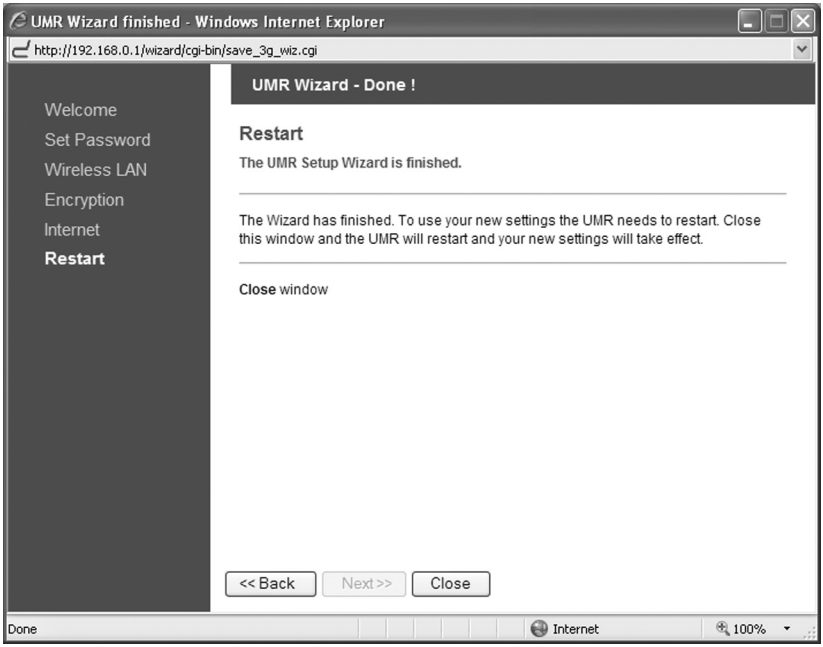
Tämän osion avulla voit konfiguroida sen USB-modeemin, jota aiot käyttää reitittimen kanssa. Jos SIM-kortissa on PIN-koodi, syötä se **PIN-koodille** varattuun kenttään.
Jotta reititin voi liittyä Internetiin langattoman laajakaistayhteyden tarjoajan kautta, tarvitset **"Access Point Name"**-nimen (APN), jonka saat palveluntarjoajaltasi. Jos et ole varma mikä on sinun "Access Point Name"-nimesi, ota yhteys palveluntarjoajaasi tai katso USB-modeemin käyttöohjeesta.

NO Konfigurere Internett

Dette avsnittet hjelper deg til å konfigurere det usb-modemet som du har tenkt å bruke sammen med routeren. Dersom SIM-kortet du skal bruke har en PIN-kode, så oppgir du det i feltet for **PIN-kode.**
For at routeren skal kunne kobles til Internett via din mobile bredbåndsleverandør trenger du et **"Access Point Name"** (APN) som du får oppgitt av din operatør. Dersom du er usikker på hva ditt "Access Point Name" er, ta kontakt med operatøren eller se bruksanvisningen for usb-modemet ditt.

SE Konfigurera Internet

Här konfigureras USB-modemet som du skall använda med din UMR.
Om SIM-kortet som du fått från din mobil-operatör har en PIN-kod så skriv in koden i fältet **Pin Code.** Om du inte har någon PIN-kod så lämna fältet blankt.
För att få tillgång till Internet via det mobila nätverket så måste du ha ett **APN-namn** (Access Point Name). Detta APN-namn skall du ha fått från din mobil-operatör, om du inte har något APN-namn så kontakta din mobil-operatör. För ICE.net/Alltele krävs inget APN.



Restart

You have now finished the installation. Click on **Close** to save the changes and the UMR will restart in order for the changes to take effect.

DE Neustart (Restart)

Nachdem Sie die Installation abgeschlossen haben, klicken Sie auf **Close**, um die Änderungen zu speichern. Ihr UMR führt einen Neustart durch, um die eingegebenen Änderungen zu aktivieren.

FI Käynnistä tietokone uudelleen

Asennus on nyt valmis. Tallenna asetukset napsauttamalla **"Close".** Reititin käynnistyy uudestaan, jotta asetukset tulevat voimaan.

NO Restart

Du er nå ferdig med installasjonen. Klikk på **"Close"** for å lagre endringene. Routeren må restartes for at endringene skal fungere.

SE Återstart

Du har nu konfigurerat din UMR. Klicka på **Close** för att spara din konfiguration, din UMR kommer nu också automatiskt att göra en återstart med den nya konfigurationen.

SMS Configuration

The UMR supports SMS on a selected range of USB-modems, please verify if your modem is supported on **www.dovado.com/modems**
You will also need to verify that your mobile broadband subscription supports SMS.

To activate, go to **SMS** and click on **Settings**, then select **Activate the SMS handler.** If required, contact your mobile operator to find out the number to your operator's SMS service centre. Insert the number including your country code.

A blinking green light on the PWR/SMS LED indicates that the unit has received a SMS. The PWR/SMS LED will cease to blink once you access your SMS inbox.

DE SMS Konfiguration

Ihr UMR unterstützt SMS für bestimmte USB-Modems. Ob Ihr Modem unterstützt wird, können Sie unter **www.dovado.com/modems** checken. Sie müssen auch überprüfen, ob Ihr Abo bei Ihrem Breitband-Provider SMS unterstützt.

Zur Aktivierung dieser Funktion, wählen Sie **SMS**, und klicken Sie auf **Settings**. Anschließend wählen Sie **Activate the SMS handler.** Möglicherweise kann die Nummer des SMS Service Centers Ihres Providers erforderlich sein, die Sie direkt von Ihrem Provider erhalten. Geben Sie diese Nummer einschließlich der gültigen Länderkennziffer ein.

Blinkt die grüne LED-Anzeigelampe PWR/SMS auf, bedeutet dies, dass eine SMS eingegangen ist. Die PWR/SMS-Anzeige leuchtet so lange auf, bis Sie die SMS-Inbox aufgerufen haben.

FI SMS-määritykset

Reititin tukee SMS-viestejä joissain valituissa modeemeissa. Tarkista modeemisi sopivuus osoitteessa **www.dovado.com/modems**
Varmista myös, että langaton laajakaistaliittymäsi tukee SMS-viestejä.

Aktivoi SMS siirtymällä kohtaan **SMS** ja napsauta **"Settings".** Valitse sitten **"Activate the SMS handler".** Pyydä palvelukeskuksen numero mobiilipalveluntarjoajaltasi. Syötä numero sekä maanumero.

Vilkkuva vihreä PWR/SMS-merkkivalo kertoo, että laite on vastaanottanut SMS-viestin. Merkkivalo ei vilku enää, kun avaat viestipostilaatikon.

NO SMS-konfigurasjon

Routeren støtter sms på enkelte utvalgte modem. Kontroller om ditt modem støttes på **www.dovado.com/modems**
Du må også kontrollere at ditt mobile bredbåndsabonnement støtter sms.

For å aktivere, gå til **SMS** og klikk på **"Settings".** Velg deretter **"Activate the SMS handler".** Ta kontakt med din mobiloperatør for å få nummeret til deres servicesenter. Oppgi nummeret inklusive ditt landsnummer.

Et blinkende grønt lys på PWR/sms-lysdioden indikerer at enheten har mottat en sms. Lysdioden slukker når du åpner innboksen for sms.

SE SMS Configuration

Din UMR stödjer SMS för vissa USB-modem, kontrollera om ditt modem har SMS-stöd på **www.dovado.com/modems**
Du måste även kontrollera att ditt mobila bredbands-abonnemang stödjer SMS.

För att aktivera funktionen så gå till **SMS** och klicka på **Settings,** välj **Activate the SMS handler.** Om det inte fungerar kan du behöva kontakta din operatör för att få numret till operatörens SMS center. Detta nummer skall skrivas in med landskod +46.

Om PWR/SMS-lampan blinkar så innebär det att du har fått ett SMS till din inkorg.
PWR/SMS-lampan slutar att blinka när du gått till Inboxen för SMS.

Reference Manual
Table of Contents

Introduction

Thank you for choosing the Dovado USB Mobile Broadband Router (UMR). This quick user guide will help you set up your UMR to access the Internet.

Package contents

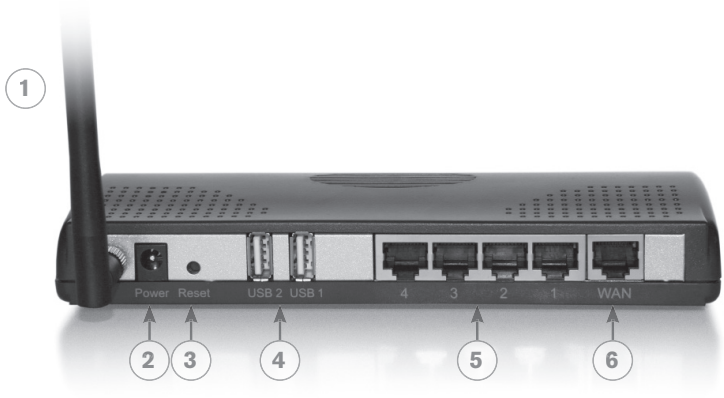
Before continuing to the next section, make sure all of the listed items below are included in your package. If something is missing, kindly contact your reseller.

- USB Mobile Broadband Router (UMR)
- Wireless LAN antenna
- Power supply
- Quick Wizard Guide and Reference Manua
- 4 rubber feet

Additional required items

In addition to the items above you will need a mobile broadband USB modem in order for the product to work. This modem provides the wireless link to your operator's network and is sold separately. To use the Internet you need a computer.

ATTENTION: As the DOVADO portfolio of routers are constantly being updated to support new modems, features as well as fixes, it is advised that you remain updated with the latest firmware. To download the latest firmware, please visit **www.dovado.com/firmware**



1.	Wireless LAN (WLAN) antenna	**4.**	USB ports 1-2
2.	DC Power Input	**5.**	LAN ports 1-4
3.	Reset button	**6.**	WAN port

The reset button

The location of the reset button is at the back of the UMR. If you need to erase all the inserted parameters and password, along with restoring the factory defaults settings, then

1. Keep the UMR powered on.
2. Hold down the reset button for approximately 8 seconds.
3. Wait 60 seconds until the UMR has restarted.
4. The UMR has now factory default settings, configure the UMR with your specific settings.

On the **Modem->Modem Settings** page, you will be able to insert all the valid inputs in order to access the internet via your mobile operator. There are several relevant bits of information which are necessary in order to complete this task successfully:

- **APN (Access Point Name)**. Mobile operators typically have an APN as the key relevant point of entry towards the mobile broadband network. Make sure to have the name of your APN in advance of configuring your USB modem. If you are using any other technology besides GPRS, EDGE, UMTS or HSPA, you might not require an APN.
- **PIN code**. This is your PIN code provided with your SIM card which resides in your USB modem.

- **Username & Password**: Some operators may require you to insert a username and password along with APN information in order to authenticate towards the mobile network. If you haven't been provided this, then using only an APN might be sufficient. If not, then please contact your operator.

The following scenarios should assist you in enabling your UMR for Internet access, depending on which type of USB modem you have inserted into the UMR.

If your scenario is not available in this guide, then please visit **www.dovado.com/support** for latest update.

Once the information has been inserted, the unit will automatically try to establish a connection to the operator's network. A solid yellow light on the USB LED indicates a successful connection.

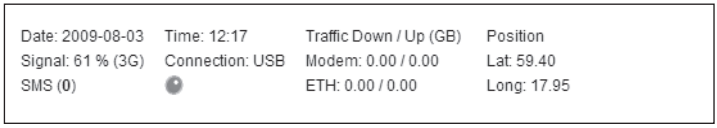
Scenario 1: 3G USB modem using a SIM card

- In the **Modem->Modem Settings** page, select to use **SIM**.
- Enter your operator **Access Point Name** and a **PIN code** if using one.
- Push **Save Modem Settings**.
- **Restart** the UMR.

Scenario 2: 3G USB modem using a SIM card along with a username and password

- In the **Modem->Modem Settings** page, select to use **SIM**.
- Enter your operator **Access Point Name** and a **PIN code** if using one.
- Push **Save Modem Settings**.
- Go to **Modem->PPP** and make sure that PPP is **enabled**.
- Enter your **Username** and **Password**
- **Save PPP Settings**.
- **Restart** the UMR.

Connection Status Overview Bar



Atop of the user interface, a bar displays an overview of your Internet connection. This information sits outside the security zone of your DOVADO UMR, and does not need to be accessed via an authorized login, thus saving time on checking the connection status.

The Connection Status Overview Bar shows the following information:

Date: Synchronized upon each new Internet connection.

Time: In case the displayed time is incorrect, you can set the time-zone in the **SYSTEM->NTP** page.

Signal: The latest measurement gathered by the USB modem upon connection is displayed in a percentage value, along with the technology (2G: GPRS or EDGE; 3G: UMTS or HSPA). The value is only updated after initiating a new connection.

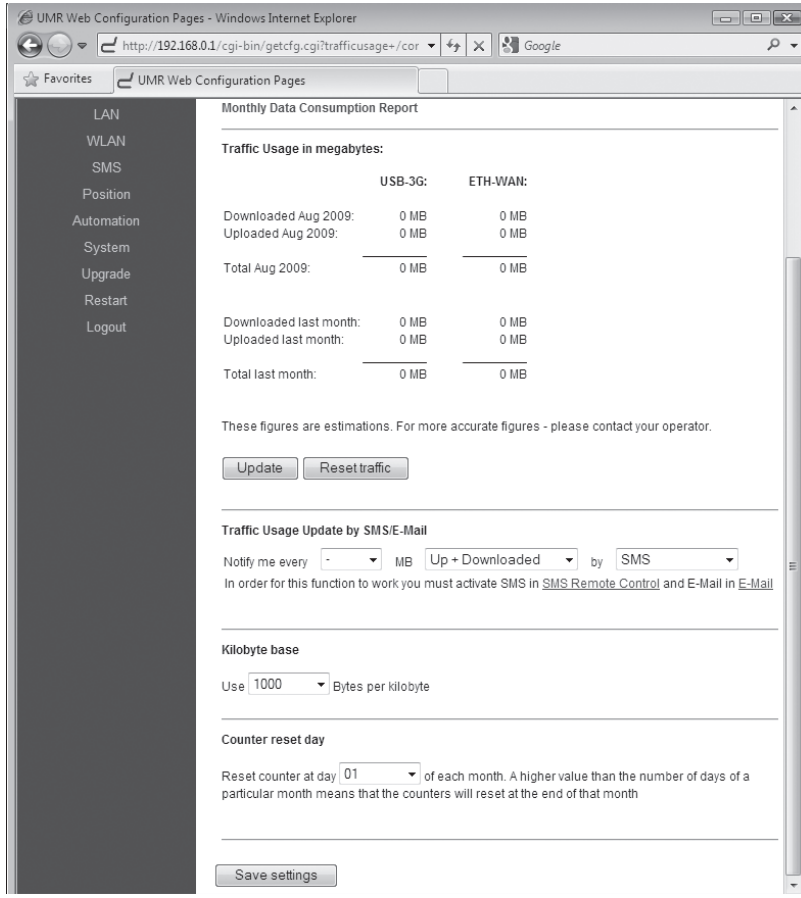
Connection: Indicates whether your current Internet connection is via the inserted **USB** modem or via an Ethernet **WAN** port. This is useful if your DOVADO UMR has been configured to perform automated failovers between one dropped Internet connection to a secondary (backup) connection.

Connection Indicator: Green color indicates that the DOVADO UMR is connected to the Internet via a USB modem. Red color indicates that it is disconnected from the Internet.

Traffic: Quickly displaying this month's Internet consumption in gigabytes (GB) on the downlink and uplink of both Internet interfaces (USB modem and Ethernet WAN).

Position: Displayed as longitude and latitude, provided that this feature is enabled.

Data Traffic Usage Report



It is possible to keep track of how much Internet traffic is consumed each new calendar month. A log is also held for the previous month. The chart displays how much data has been downloaded as well as uploaded per Internet interface, be it a USB modem or Ethernet WAN port. A total is also calculated for the month per interface. As these figures are automatically updated every few minutes, a forced update can be manually requested by pushing the Update button.

Notification of Data Traffic Usage

Upon enabling this feature, the DOVADO UMR can send you an SMS and/or E-Mail notification after a certain amount of data has been consumed by your Internet connection. It will then continuously update each time it passes that interval, thus providing you with an overview of your monthly data consumption.

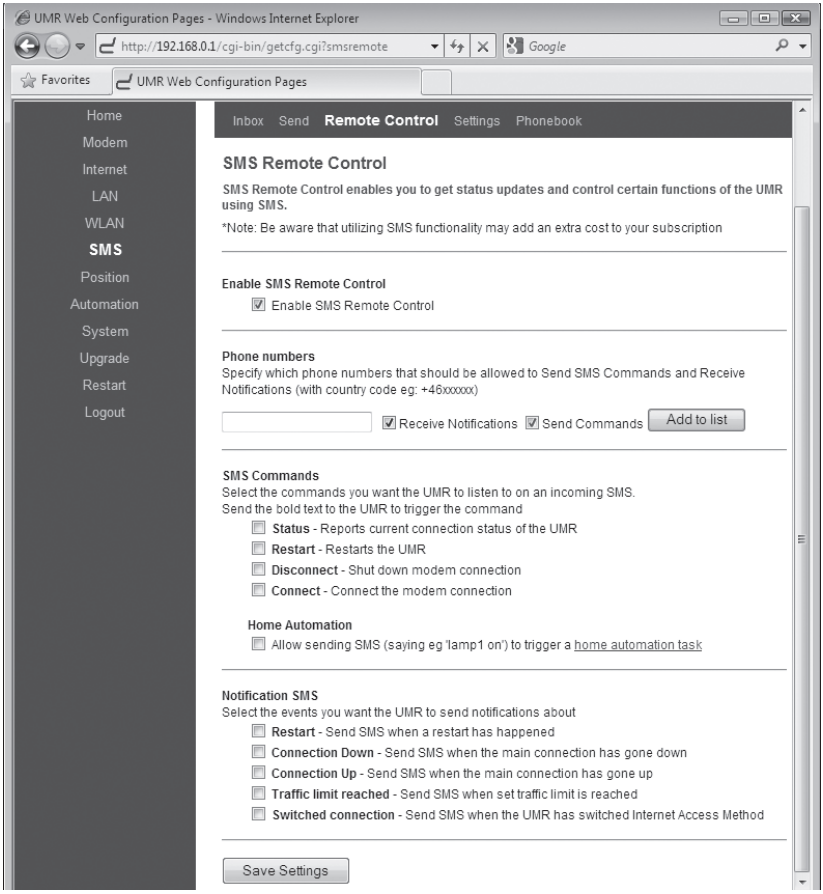
The DOVADO UMR can notify you of your total monthly Internet traffic consumption via SMS or e-mail upon alert intervals of every 100/250/500/1000/2500/5000 MB.

Note: By using your USB modem directly in the computer, the DOVADO UMR will only be able to display the amount of data the router itself has consumed when the USB modem is inserted into it. It will not display what the USB modem has consumed; therefore, to acquire the most accurate accumulated figures, please contact your Internet service provider.

To enable notification by SMS, go to **SMS->REMOTE CONTROL,** and select the **Traffic Limit Reached**, located under **Notification SMS.**

To enable notification by E-Mail, go to **SYSTEM->E-Mail**, and enter your E-Mail account configuration.

Then proceed to **INTERNET->TRAFFIC,** and select how often you would like to be notified by SMS and/or E-Mail for an updated total of your calendar month's data consumption. You can also specify which kind of data to keep track of (downloaded only, or downloaded and uploaded; depending on your mobile broadband subscription terms).



If your SIM card and 3G USB modem support SMS (see www.dovado.com) in the DOVADO UMR, then you'll be able to employ this feature to remotely control the UMR from your mobile phone. A short text command can be sent from your phone to administer any of these tasks instantly. The configuration allows an unlimited range of authorized mobile phone numbers to be inserted into the list.

You can specify which number will be viable for sending commands, receiving notifications, or both. To insert the number, use international dialing format (e.g. +46 for Sweden, followed by the rest). For each number that is inserted with its rights, click on Add to list. Note: For each number that is entered, and tagged with a "Notification" tick mark, an individual SMS will be sent by the DOVADO UMR in case of any notification. By doing so, this will generate a larger load of SMS traffic to your mobile broadband subscription.

Remote Commands

The short text commands are: **Status, Restart, Disconnect, Connect (or Reconnect).**

Status: The UMR will reply to you stating that it's either connected or disconnected from the Internet. It will also contain the IP address (if connected) of it's WAN/3G interface along with signal information.

Restart: The UMR will restart itself.

Disconnect: The UMR will disconnect itself from the mobile broadband network. Internet connection will be dropped, though SMS will still be active.

Connect (or **Reconnect**) : The UMR will connect itself to the mobile broadband network. Internet connection will be enabled.

See page 24 for Home Automation commands via SMS Remote Control.

Notification SMS

Unexpected events which occur in regards to the Internet connection along with the overall status of the DOVADO UMR can be reported by SMS to all numbers listed for "Notification". Notification messages can be sent to recipients for the following events:

Restart: In case the DOVADO UMR was forced to restart itself after 3 unsuccessful connection attempts (based on the settings located in the Connection Tracker). A restart can also be affected by an unexpected power failure.

Connection down: The Internet connection has been dropped. The DOVADO UMR at this point has acknowledged a drop, and is working on resolving this situation by either redialing the connection, restarting itself or switching connection to the secondary Internet interface (depending on what has been defined in the **INTERNET->CONNECTION TRACKER** site)

Connection up: An Internet connection has been established. It is very likely that your DOVADO UMR will be handed a new IP address from the operator. The SMS will display the new IP address in case you would like to remotely connect to it for administration purposes.

Traffic limit reached: More information for this is available on page 19.

Switched connection: In case your Connection Tracker has been configured to automatically perform a connection failover between two interfaces, you will be notified of this change, along with further information pertaining to that new connection.

General Information

The UMR can be used as a point of Home Automation which serves to remotely control power switches with built-in radio receivers in your home.

In order to get the Home Automation up and running, three things are needed:

1. A TellStick from Telldus Technologies plugged into a vacant USB port in the UMR.
2. Home automation receivers, compatible with the TellStick.
3. Configuration of the UMR.

When configuring your UMR, start by configuring **Automation->Aliases** for your devices. The uniquely named receivers (aliases) can then be controlled by:

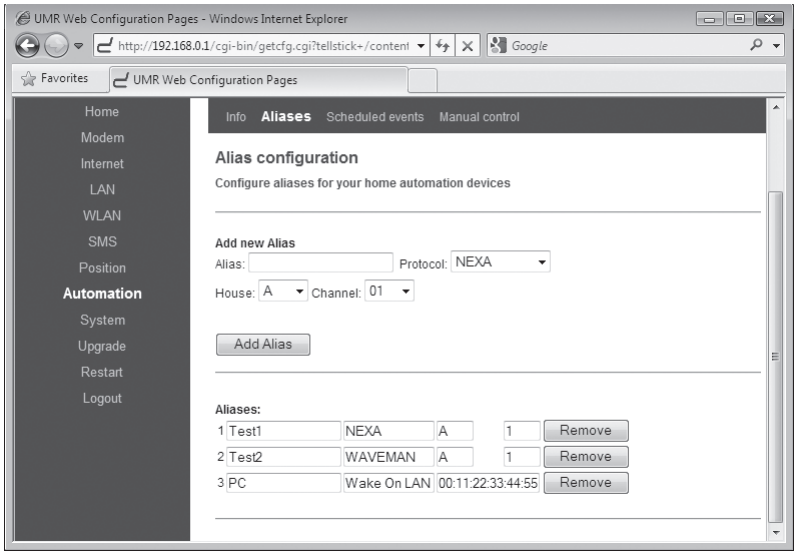
1. Sending an SMS containing short commands such as ”lamp1 on”.
2. Setting up a Schedule for triggering of events.
3. Manual control from the graphical user interface.

Visit the relevant pages on www.dovado.com for further information on this section.

The UMR can also be used to power on a computer that is connected to one of the LAN ports on the UMR. The computer itself has to support the function Wake on LAN, please check the specification of your computer.

You have to configure an Aliases where you select the **Protocol**: Wake on LAN and enter the MAC address of the computer connected by LAN

Aliases



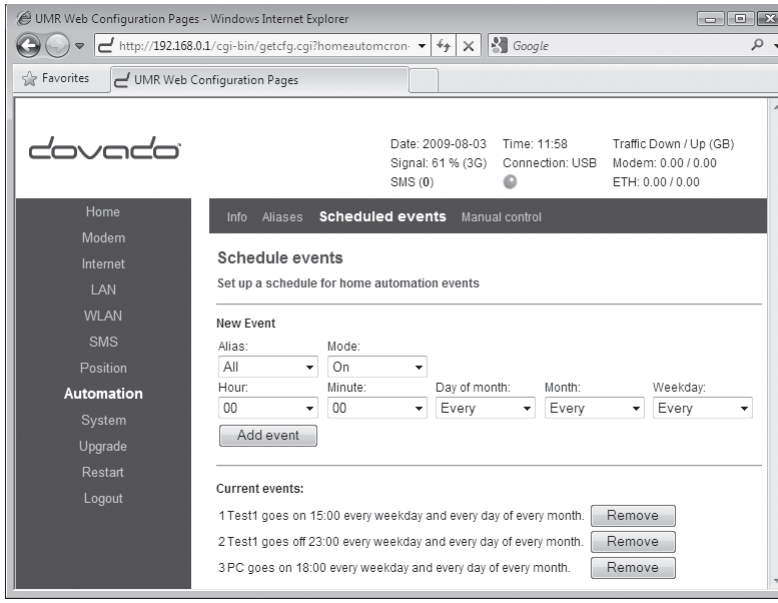
To enter a home automation receiver into the DOVADO UMR configuration, you must first name it in the Alias Configuration page. To do this, name a receiver such as "Test1" (for example) and its corresponding **Protocol,** along with **House** and **Channel.** This is typically adjustable on the receiver device itself. Each entered alias must have a unique name, House and Channel. Upon entering each individual alias, click on **Add Alias.**

SMS Remote Control

If your SIM card and 3G USB modem support SMS (check on www.dovado.com) in the DOVADO UMR, then you'll be able to employ this feature to remotely power appliances on and off from your mobile phone. To use this feature, you must first enable the **Home Automation** option, located on the **SMS->REMOTE CONTROL** site. A short text command can be sent from your phone to administer this task instantly. You can control a single receiver or all, if you like.

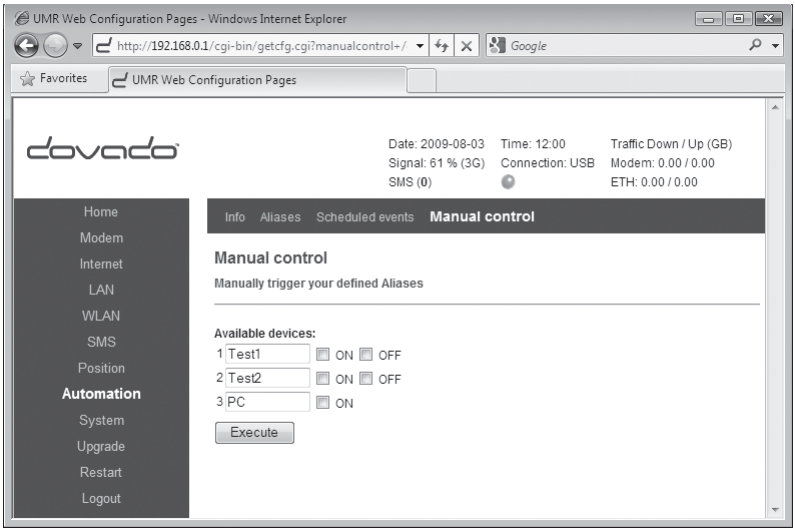
A few examples of short text commands are:
Test1 on and **Test1 off**
All on and **All off,** where **All** represents all of the aliases listed on the Alias Configuration page.

Scheduled Events



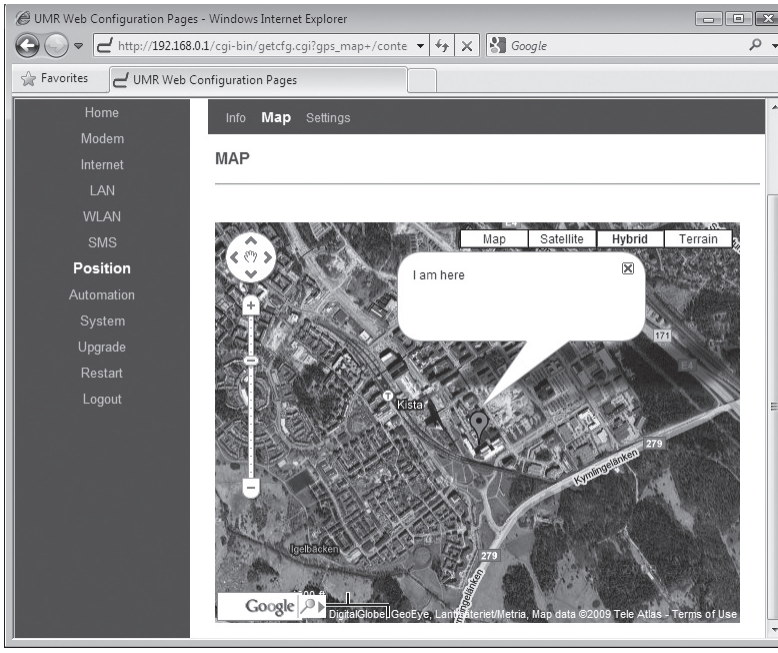
Allows you to schedule in events to power on/off individual/all devices around the home. Besides applying general daily rules, it also allows you to create specific one-time events.

Manual Control



You can manually control the aliases throughout your home via the web interface in the DOVADO UMR. To do so, go to the **AUTOMATION->MANUAL CONTROL** page and select which device(s) you would like to control. Select the state of operation you'd like each alias to be (ON or OFF) and push Execute.

Positioning



The UMR can be used as a tracking device by showing its positioning e.g. on a Google Map™.

The UMR support 2 different types of position services:

1. USB-based GPS receiver: As new GPS devices are constantly introduced to the market, go to www.dovado.com to see if your device is supported.
2. Fixed position: Allows you to manually enter your current position in the Web interface.

For detailed information, go to **Positioning->Info** and for enabling the function go to **Positioning->Settings** to select the positioning method you want to use.

Advanced Settings

The Dovado UMR has a built-in firewall. In this section you will learn more about this and other security features.

Besides password protecting the UMR configuration pages it is possible to restrict the Wireless LAN devices that may access your private network and the public Internet through the UMR. You can use encryption and/or MAC address filtering in order to achieve this.

With encryption you can choose a key, which then all Wireless LAN clients need to know in order to access your private network through the UMR. These settings are found in **WLAN->Authentication**.

With **MAC address filtering** you can enter the MAC address of each client that you want to grant access to your private network. This address is physically linked to the network card in each client. These settings are found in **WLAN->MAC Address Control**.

WLAN Settings

Under **WLAN->WLAN Properties** are the settings for the wireless network.

Wireless Band drop-down menu lets you choose what wireless standard to use in your private network. Possible choices are 802.11b with a maximum transfer rate of 11Mbps, 802.11g with a maximum transfer rate of 54Mbps or 802.11b+g if you have clients with both types of network cards.

Channel drop-down menu lets you change the radio channel for the wireless communication. This is useful if you experience poor performance that could be as a result of interference from other wireless devices.

Data Rate drop-down menu is the setting for the transmission speed at the selected Wireless Band. If you experience problems at higher data rates for 802.11g (54Mbps) it is possible to force 802.11b (11Mbps).

SSID (Service Set Identifier) is the name of the UMR that will appear in other Wireless LAN clients when they perform a network search. Default value is DOVADO.

SSID Broadcast enables or disables transmission of the SSID from the UMR. When disabled, other Wireless LAN clients will not find the UMR when they perform a network search.

Fragment length is a setting that affects the quality of the wireless transmissions. If you experience a high packet error rate you can decrease this value in small steps to reduce this problem. Setting the fragment length too low may result in poor performance. The default value is 2346.

RTS length is a setting that affects the quality of the wireless transmissions. If you experience inconsistent data flow you can decrease this value in small steps to reduce this problem. The default value is 2311.

Wireless Radio enables or disables the WLAN. If you do not use any Wireless LAN devices it is recommended that you select disable.

Click on **Save WLAN Settings** and then **Restart** for the changes to take effect.

WLAN->Authentication: The encryption settings for your private Wireless LAN.

Encryption is disabled by default. Choose **Enable** to show the available settings. There are three types of encryption methods in the **Authentication Type** drop-down menu, **WEP Open System**, **WEP Shared Key** and **WPA-PSK**.

WEP Open System encrypts all data that is sent over the wireless network but does not use any authentication. This means it is still possible for all clients in range to log onto the UMR, but without the correct key they will not be able to communicate with it. To activate this setting, choose **WEP Open System** from the **Authentication Type** drop-down menu. Then choose a **Key Type**, either HEX (range 0-9 and A-F) or ASCII (any character on the keyboard). Choose **Key Size**; 64 bits (for HEX this is 10 characters and for ASCII 5 characters) or 128 bits (for HEX this is 26 characters and for ASCII 13 characters): the longer the key, the stronger the encryption. The key is case sensitive. You have the possibility to define 4 keys at once so that you can easily change key to maintain security.

WEP Shared Key is identical to WEP Open System except that this mode also uses authentication. This is less suitable from a security perspective since it is possible to retrieve the key from the authentication process.

WPA-PSK is the third and strongest security option. Choose it from the **Authentication Type** drop-down menu and then enter a pass phrase between 8 and 63 characters. All Wireless LAN clients must use the exact same pass phrase in order to access your network. Due to the

complexity and larger data overhead this option may decrease the performance of the network.

Click on **Save Authentication Settings** and then Restart for the changes to take effect.

WLAN->MAC Address Control:

The settings for restricting access to your private network via white-listing of authorized clients.

MAC Address Control enables or disables the MAC address filtering on the MAC addresses under **WLAN->MAC Address Control**.

MAC Address control is a security function that limits which clients can access your private network and the public Internet through your UMR. Enter the MAC address of the client that you want to grant access to your network (the MAC address of a client running Microsoft Windows can be obtained by clicking on the **Start** button and then **Run**. Type **cmd** and press enter. Then type **ipconfig /all** in the command prompt and press enter. The MAC address is found on the physical address line). Click on **Add to list**. Note that the function is enabled or disabled under **WLAN->WLAN Properties**. Disabling the function does not clear the **MAC Address Control** List.

LAN->LAN Settings: The network settings for the UMR.

Network Settings allows you to change the default IP address for your UMR. However, in most cases you do not need to change this setting. Note that the IP address for the UMR is used on your private network only. It is not possible to change the subnet mask. Click on **Save LAN Settings** and then **Restart** for the changes to take effect.

LAN->DHCP: The settings for your private network.

DHCP Server allows you to enable or disable the built-in DHCP server. When enabled, all clients on your private network will automatically obtain an IP address from the range specified under **Client IP Address Range** (valid range is from 1 to 254). When disabled you have to manually enter an IP address from this range into each client.

Client Network Information allows you to set a domain name for the UMR and specify an additional DNS server.

Static Address Assignment can be used when you want a client to obtain the same IP address each time it logs on to your private network. This setting works no matter if the DHCP Server is enabled or disabled. Select how you want to identify the client, by hostname or MAC address (it is possible to define 253 static IP addresses based on MAC addresses and 256 based on hostnames). Type in the hostname or the MAC address under **Host Identifier** and finally, set the desired IP address under **Internal Address**. Please make sure not to assign the IP address of the UMR to any of the clients. Click on Add and then **Save DHCP Settings** when you are finished.

View DHCP Table is a function that shows the IP and MAC addresses of all clients that are connected to the UMR.

Click on **Save DHCP Settings** and then Restart for the changes to take effect.

LAN->Port Forwarding: The settings for manually unblocking certain communication ports in your private network.

Reserved Ports is a list of logical ports that cannot be used to access your private network from the public Internet.

Port Forwarding to LAN lets you specify which ports clients on the public Internet shall be able to communicate through, to clients on your private network. Under **Port Range**, select a range (any range that does not contain the ports listed under **Reserved Ports**) from 0-65535. Select the type of traffic that should be let through on these ports, **TCP** or **UDP**, or **Both**. Finally, type in the **Destination Address**, which is the IP address of the client on your private network that you want to be accessible from the public Internet. Click on **Add** when you are finished. Note that by default, no traffic is permitted inwards if the request is initiated by an external user. However, clients on your private network can always access the public Internet.

Click on **Restart** for the changes to take effect.

LAN->UPnP: The settings for Universal Plug and Play.

The UMR supports Universal Plug and Play. UPnP is a feature that enables client application on devices behind the UMR to automatically trigger the opening of TCP/UDP ports through the firewall in the UMR.

As a security precaution, this feature is disabled by default and can be enabled manually.

System->Security: Option for changing the default password of the UMR.

Please enter the same password twice and press **Save Password**. The new password will take effect upon restart.

Note: If you have misplaced or forgotten your password, you can reset it to "password" by pushing the Reset button on the back of the UMR.

Warning: By pushing the Reset button, you will also be clearing out all the parameters and restoring everything back to the original factory default settings. Please note that all your stored text messages (SMS) will be deleted as well.

System->Remote Management: The settings for enabling remote management of the UMR from another location.

Secure Access Port: Select which port you would like to access the UMR interface page from the Internet. By default, remote management is disabled, but can be enabled by selecting any of the other three ports. The **Standard port** is port 80, which is the regular port for HTTP.

Example: Should you wish to access the settings on your UMR from elsewhere on the internet, simply open a browser, type in **http://<ip address of UMR>:<port>**.
For instance, http://183.168.0.35:4430.

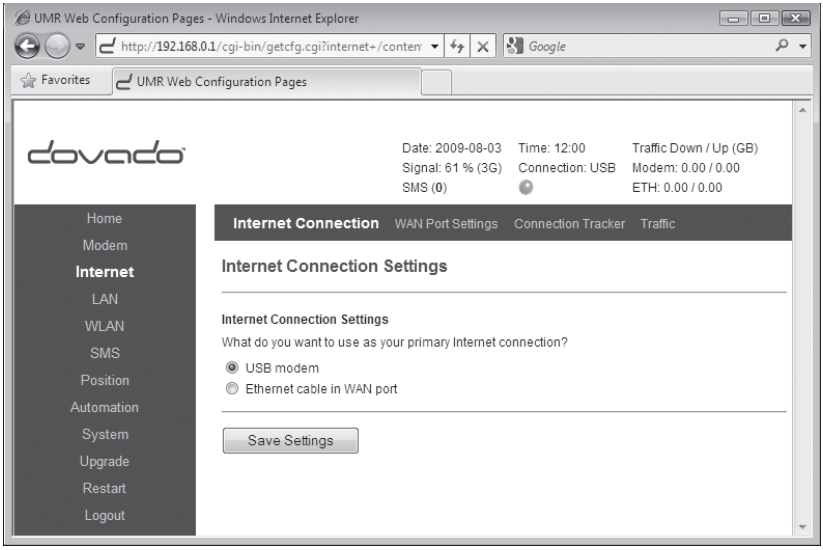
IP Address: If remote access has been enabled, then the UMR is open by default to remote access from anywhere on the Internet. To limit it to a single or several designated remote locations, type in the IP address(es) and click on **Add to list.** After having done this, all other sources besides those entered will be barred entry.

All changes will take effect upon restart of the UMR.

System->DNS: In most cases, the operator which provides the internet service towards your UMR is handing out a constantly-shifting (dynamic) IP address. The Dynamic DNS feature allows you to contact your UMR via an easily accessible hostname, such as ”umr.mydyndns.com”.

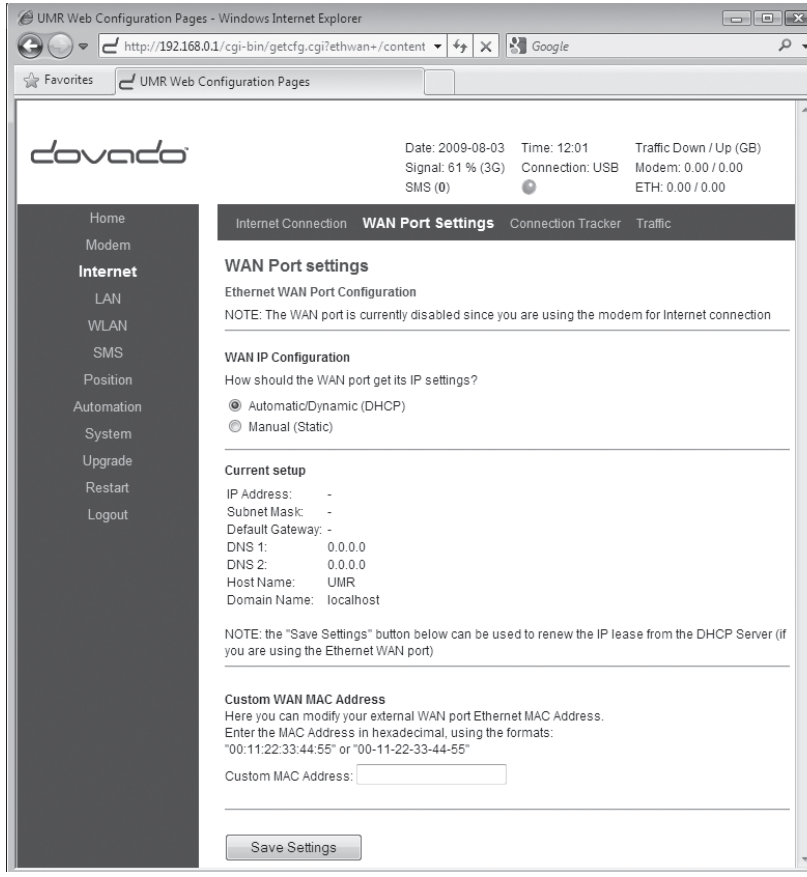
For Internet Connections, WAN Port Settings and Connection Tracker push **Internet** and make your settings.

Internet Connections



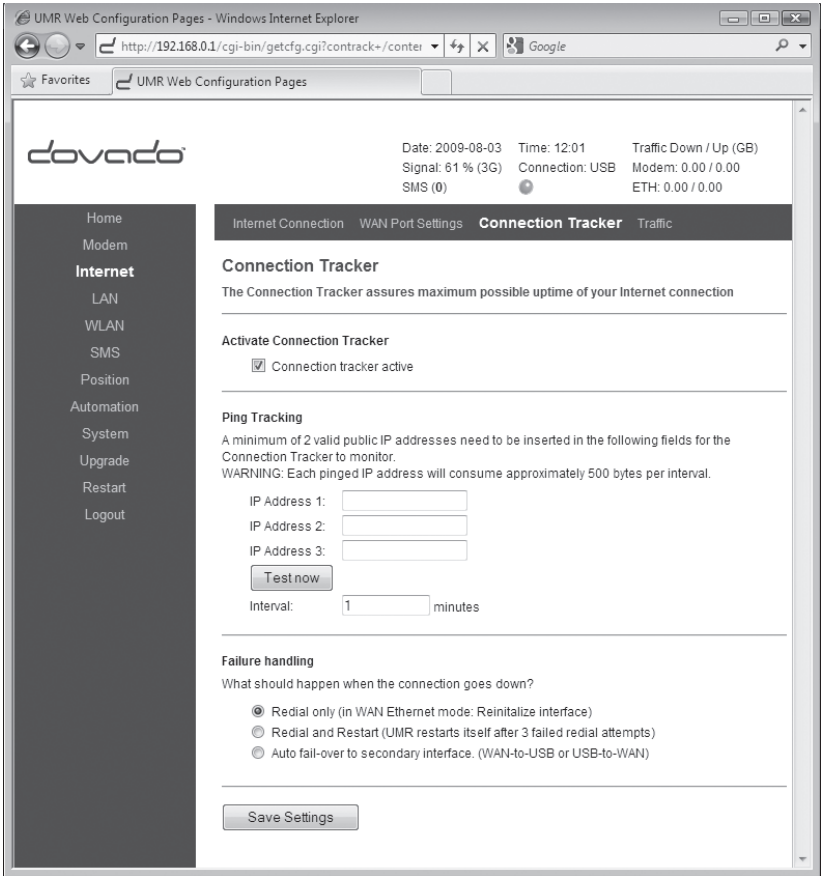
The UMR can also be used with a regular fixed broadband connection from an ADSL- or Cable-modem. To select your primary broadband connection, push **Internet** and then select **Internet Connection**. Make your selection and then push **Save Settings**.

WAN Port Settings



The default setting is that your operator automatically will give you an IP address, should your operator have given you a static (specific) IP address than select **Manual settings** and fill in the given information in the relevant fields.

Connection Tracker



In order to ensure maximum internet availability you can use the Connection Tracker feature. When inserting a minimum of 2 IP addresses, these addresses will be ”pinged” with an interval that you specify in minutes in the **Interval** field.

After entering the selected IP addresses, you can test the ping function to these addresses by pushing the **Test now** button directly below the IP address fields. The result will be shown to the right of each IP address field.

WARNING: Please note that if you are paying for bandwidth usage, activating this function will add data consumption to your monthly bill. An approximate figure for the additional monthly data consumption will be indicated directly to the right of the Interval field. Raising the interval value will lower the monthly consumption.

Should your internet connection drop, you have 3 options on how the UMR should react:

- **Redial only (in WAN Ethernet mode: Reinitialize interface).** Default value that attempts to reestablish the broadband connection.
- **Redial and Restart (UMR restarts itself after 3 failed redial attempts).** Using this option, your local area/wireless network will be unreachable for a short while during the restart of the UMR.
- **Auto fail-over to secondary interface. (WAN-to-USB or USB-to-WAN).** UMR is connected to both a USB modem and a fixed broadband connection. Both of these interfaces must be properly configured in the event of a fail-over between each other. You can check which interface is your primary connection on the **Internet->Internet Connection** page.

Upgrading the firmware

The latest firmware is available on **www.dovado.com/umrfirmware**

Warning! Do not remove the power or the USB modem during upgrading as this will break your UMR!

There are two ways to upgrade the firmware: you can either upgrade the UMR via HTTP or via FTP. HTTP is used for conducting the upgrade process locally from a computer attached to the UMR, whereas the FTP method is used when the source of the upgrade file is on a server located in a remote location.

HTTP Method:

It is recommended that you use the first method. Point a web browser to **www.dovado.com** and download the upgrade file to your computer. Remember where you store the file. Log in to the configuration pages from your computer as described in section **Configuring the UMR**. Go to **Upgrade->Upgrade HTTP.** Click on the **Browse** button and select the upgrade file you just downloaded, and then click on **Open**. Click on **Start HTTP Upload** to start the upgrade process.

When the upgrade is done, the UMR will automatically restart and a login button will appear in the web browser. The UMR is ready to use once it has been restarted.

FTP Method:

If you have an FTP server you have the choice to upgrade the UMR via FTP. Once the upgrade file is on the FTP server in the root directory, log in to the configuration pages as described in section Configuring the UMR. Go to **Upgrade->Upgrade FTP**. Then, type in the IP address of the FTP server under FTP Server IP and the filename under Filename, then click on **Start FTP Download** to start the upgrade process. The text "Restarting…" will appear in your web browser when the upgrade has finished.

Note: In order to use the FTP upgrade option, the FTP server which contains the firmware image must be accessible via an anonymous FTP account.

Close the web browser and wait until the UMR has restarted. The UMR is now ready to use.

Configurations

This function allows you to create, as well as restore, the working configuration of your DOVADO UMR. Each backup you save to your computer will contain all the configuration parameters you have entered in your DOVADO UMR.

Should you have performed a factory reset to clear out all your settings, you can then restore your settings by uploading your saved configuration file via this interface.

To save the current configuration of your DOVADO UMR to your computer, go to **Upgrade->Configurations**, then simply push the **Download** button. To restore your configuration, click on **Browse** (to locate the file on your computer), and then push **Upload**.

Tip: The configuration file you extract from your DOVADO UMR can also be used on other DOVADO UMR units. This can come in handy if performing a mass-deployment of clone configurations. This will save you a lot of time in configuring each such device.

Troubleshooting

Internet

Q1: My UMR is not connecting to the Internet!

A: Do all of the following:

- First check if the USB LED on the UMR (third light from the left) is OFF. If so, continue with the following steps. If not, then see the answers to Question 2.
- Please verify that you are able to connect to your mobile operator using the USB modem in your computer!
- Always insert the USB modem into the UMR before powering it on!
- Log into the UMR on http://192.168.0.1/
- Check that your UMR has identified the USB modem (Check the **Reported Backhaul Technology** under **Home** upon logging into the UMR). If not, check if your USB modem is supported: **www.dovado.com/modems**
- Check the signal strength in the **Modem->Modem Status** page.
- Verify that a correct **Access Point Name (APN)** and/or Username and Password has been inserted in the PDP or PPP sections of the **Modem Settings**. Check that the APN information provided by your mobile operator is identical with the APN information used in the UMR settings.
- If using a PIN code on your SIM card, insert it in **Modem->Modem Settings** page.

Q2: The USB LED on the front of the UMR is lit, yet I can't surf! How come?

A: Test to see if you can do the following (in listed order):

1. Ping the UMR's internal IP address.

- In Windows, click on **Start** followed by **Run** and type in **cmd**.
- Once the black command prompt is open, type in **ping 192.168.0.1** followed by **Enter** and see if 4 pings are replied positively.
- If positive, then try the next step.
- If negative, please try with another computer if possible. Also check your IP settings and switch to DHCP (dynamic IP) settings on your computer's network interface.

2. Ping an external IP address.

- Try to ping www.yahoo.com and note if 4 pings are replied positively.
- If so, then please check your web browser's settings for any conflicting proxy settings.

Support

Technical support for this product is available by email however the **www.dovado.com/support** website offers Configuration scenarios along with a Frequently Asked Questions (FAQ) section for troubleshooting.

When contacting by email (**support@dovado.com**), do not forget to provide the following information (it can be found on the label at the bottom of the UMR unit or under Home in the configuration pages):

- Model number or product name
- Serial number of the product
- Firmware revision
- Any possible screenshots or visual feedback relating to the problem.

Technical specifications

Connectors

- 2 x USB 2.0
- 4 x RJ45 Connector for LAN
- 1 x RJ45 Connector for WAN
- SMA Connector for WLAN antenna
- Power supply jack (DC12V)

Power supply

- DC12V, 1.5A AC adapter (100-240V AC, 50/60Hz)

WLAN Transmission power

- 63 mW Minimum typical for 802.11b
- 25 mW Minimum typical for 802.11g

Power consumption

- 5 W Standby mode
- 15 W Maximum load

Dimensions

- 30 mm x 187 mm x 100 mm without antenna

Guidelines for safe and efficient use

Product care and maintenance

Your UMR is a highly sophisticated electronic device. To get the most out of your UMR, be sure to read the following text about product care, safety and efficient use.

Use only the power supply adapter that comes with the unit. Replacement power supply adapters can be obtained from Dovado upon request.

Do not expose the product to liquid or moisture.

Do not expose the product to extreme temperatures, either hot or cold.

Do not expose the product to lit candles, cigarettes, cigars, open flames, etc.

Do not drop, throw, or try to bend the product. Rough treatment may damage the product.

Do not attempt to disassemble your product; the warranty is no longer valid if the warranty seal has been broken. The product does not contain consumer serviceable components. Service should only be performed by Certified Service Centers.

Do not allow children to play with the UMR as it contains small parts that could be detached and create a choking hazard.

Use only original Dovado components and replacement parts. Failure to do so may result in performance loss, damage to the product, fire, electric shock or injury, and will invalidate the warranty.

Avoid using this equipment during an electrical storm. There may be a remote risk of electric shock from lightning.

Treat the product with care, keep it in a clean and dust free place. Use only a soft, damp cloth to clean the product.

Limited Warranty

Save your original receipt. You will need it for warranty/repair claims. Should your Dovado Product need warranty service, return it to the place of purchase or contact your local Dovado Call-Centre for further information.

Our warranty. Dovado guarantees this Product to be free from defects in material and workmanship at the time of its original purchase by a consumer, and for a subsequent period of one (1) year.

What we will do. If, during the warranty period, this product fails to operate under normal use and service, due to improper materials or workmanship, Dovado subsidiaries, authorized distributors, or Certified Service Centers will, at their decision, either repair or replace the Product in accordance with the terms and conditions stipulated herein.

Conditions

1. The warranty is only valid if accompanied by the original receipt, as issued to the original purchaser by the retailer and specifying the date of purchase and product serial number, when the product is submitted for repair or service. Dovado reserves the right to refuse warranty service if this information has been removed or altered subsequent to the original purchase of the Product from the retailer.
2. Once Dovado repairs or replaces the product, the repaired or replaced Product shall be covered by warranty for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may include the use of functionally equivalent reconditioned units. Replaced faulty parts or components will become the property of Dovado.
3. This warranty does not cover any failure of the product due to normal wear and tear or misuse, (including but not limited to use in a manner other than the normal and customary manner, in accordance with Dovado instructions for use and maintenance of the product), accident, modification or adjustment, acts of God, improper ventilation, and damages resulting from contact with liquids.
4. This warranty does not cover product failures due to repair installations, modifications, or improper service performed by a non-Dovado Certified Service Centre or opening of the product by non-Dovado certified persons.
5. The warranty does not cover product failures caused by the use of non-Dovado original accessories.

6. Tampering with any of the seals on this product will void the warranty.

7. No other express warranties, whether written or oral, other than this printed limited warranty shall apply. All implied warranties, including, and without limitation, the implied warranties or merchantability or fitness for a particular purpose, are limited to the duration of this limited warranty. Dovado shall under no circumstances be liable for incidental or consequential damages of any nature whatsoever. Such damages include, but are not limited to, lost profits or commercial loss, to the full extent that said damages can be disclaimed by law.

Power Supply. Only connect the AC (Power Supply) to designated power sources such as those marked on the product. When removing the cord from the outlet, do so by holding onto the AC adapter rather than the cord in order to reduce the risk of damage to the electric cord. Make sure the cord is positioned so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress. To reduce risk of electric shock, unplug the unit from any power source before attempting to clean it. The power supply must not be used outdoors or in damp areas.

CE mark for European Harmonized Standards

Česky	Dovado tímto prohlašuje, že tento UMR je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk	Undertegnede Dovado erklærer herved, at følgende udstyr UMR overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Deutsch	Hiermit erklärt Dovado, dass sich das Gerät UMR in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Eesti	Käesolevaga kinnitab Dovado seadme UMR vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, Dovado, declares that this UMR is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Español	Por medio de la presente Dovado declara que el UMR cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Ελληνική	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Dovado ΔΗΛΩΝΕΙ ΟΤΙ UMR ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Français	Par la présente Dovado déclare que l'appareil UMR est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Italiano	Con la presente Dovado dichiara che questo UMR è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latviski	Ar šo Dovado deklarē, ka UMR atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lietuvių	Šiuo Dovado deklaruoja, kad šis UMR atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Nederlands	Hierbij verklaart Dovado dat het toestel UMR in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
Malti	Hawnhekk, Dovado, jiddikjara li dan UMR jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Magyar	Alulírott, Dovado nyilatkozom, hogy a UMR megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.

Polski	Niniejszym Dovado oświadcza, że UMR jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
Português	Dovado declara que este UMR está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Slovensko	Dovado v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
Slovensky	Dovado týmto vyhlasuje, že UMR spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
Suomi	Dovado vakuuttaa täten että UMR tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska	Härmed intygar Dovado att denna UMR står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
Íslenska	Hér með lýsir Dovado yfir því að UMR er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
Norsk	Dovado erklærer herved at utstyret UMR er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

THE FCC REGULATION WARNING (for U.S.A)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 B of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

Unauthorized changes or modification to this system can void the user's authority to operate this equipment.

Open source software notice

This product includes certain open source or other software originated from third parties that are subject to the GNU General Public License (GPL), GNU Library/Lesser General Public License (LGPL) and different and/or additional copyright licenses, disclaimers and notices.

You may obtain a complete corresponding machine-readable copy of the source code of such software under the GPL or LGPL at http://www.dovado.com/ Alternatively; Dovado offers to provide such source code to you on CD-ROM for a charge covering the cost of performing such distribution, such as the cost of media, shipping and handling, upon written request to:

Dovado FZ-LLC
Dubai Internet City
Al-Thuraya Tower 1, office 504
P.O. Box 500422
Dubai, United Arab Emirates

This offer is valid for a period of three (3) years from the date of the distribution of this product by Dovado.